

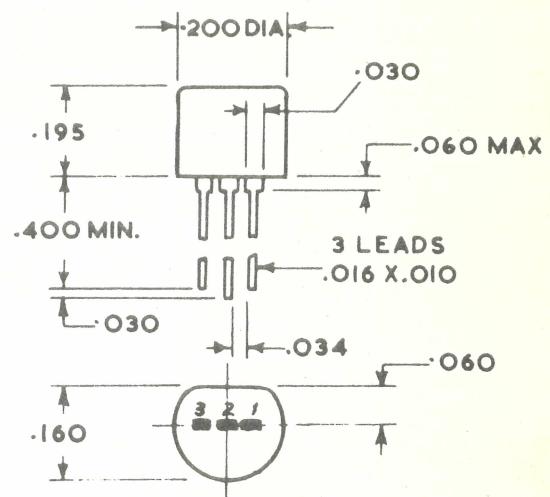


AS310

AS312

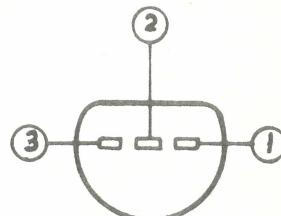
These units are n-p-n silicon planar epitaxial transistors in an epoxy package for A.F. and general purpose applications. The AS310 features low saturation voltage (less than 0.3 volt at $I_C = 300$ mA).

DIMENSIONAL OUTLINE



Dimensions in Inches

TERMINAL DIAGRAM



Lead 1-Emitter
Lead 2-Base
Lead 3-Collector

ABSOLUTE MAXIMUM RATINGS.

Collector-base voltage	= 40 volts
Collector-emitter voltage	= 40 volts (Base open)
Emitter-base voltage	= 5 volts
Emitter current	= 350 mA
Base current	= 30 mA

THERMAL RATINGS.

Dissipation at case temperature up to 25°C ----- 700 mW max.
Derate linearly to zero at 135°C .

Dissipation in ambient temperatures up to 25°C ----- 300 mW max.
Derate linearly to zero at 135°C .

During soldering lead temperature must not exceed 255°C for
10 secs. max. within $1/16"$ of case.

Storage temperature range - 25°C to 135°C .

AS310

CHARACTERISTICS AT 25°C

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AMALGAMATED WIRELESS VALVE CO. PTY. LTD.